

The Commonwealth of Massachusetts

RETURN

OF THE

TOWN OF

HUDSON, LIGHT AND POWER DEPARTMENT

TO

The Commonwealth of Massachusetts

Department of Public Utilities

OF MASSACHUSETTS

For the Year Ended December 31,

2011

Name of officer to whom correspondence should
be addressed regarding this report.

Yakov D. Levin

Official Title: Manager

Official Address: 49 Forest Avenue
Hudson, MA 01749

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GENERAL INFORMATION

1	Name of town (or city) making this report.				Hudson, Ma 01749
2	If the town (or city) has acquired a plant, Kind of plant, whether gas or electric. Owner from whom purchased, if so acquired. Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws. 9/11/1891				Electric Hudson Electric Co. 7/11/1891
	Record of votes:		First vote: yes, 30; No, 7	Second vote: Yes, 69; No, 11	
	Date when town (or city) began to sell gas and electricity				January 15, 1897
3	Name and address of General Manager of municipal lighting:				Yakov D. Levin 5 Dartmouth Drive Framingham, Ma. 01701
4	Name and address of mayor or selectmen:				
	Charles P. McGourty	James Vereault	Joseph J. Durant	Christopher Yates	
OPEN SEAT	29 Plant Ave	73 Parmenter Rd	22 Harriman Road	14 Causeway St	
	Hudson, MA 01749	Hudson, MA 01749	Hudson, MA 01749	Hudson, MA 01749	
5	Name and address of town (or city) treasurer:				Dianne Cush 11 Erie Dr. Hudson, MA 01749
6	Name and address of town (or city) clerk:				Joan M. Wordell 169 Marlboro St. Hudson, MA 01749
7	Name and addresses of members of municipal light board:				
	Roland L. Plante	Joseph J. Marinelli	Paul Huehmer		
	136 Murphy Street	25 Brigham Street	3 Hammond Circle		
	Hudson, MA 01749	Hudson, MA 01749	Hudson, MA 01749		
8	Total valuation of estates in town (or city) according to the last State valuation				\$2,330,973,000.00
9	Tax rate for all purposes during the year:				15.51 / Residential \$29.55 / Commercial
10	Amount of manager's salary:				\$175,594.00
11	Amount of manager's bond:				\$100,000.00
12	Amount of salary paid to members of municipal light board (each):				\$1,300.00

**FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57 FOR GAS
AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR, ENDING DECEMBER 31, NEXT.**

		Amount
INCOME FROM PRIVATE CONSUMERS:		
1	From sales of gas	
2	From sales of electricity	\$42,142,767
3	From Rate Stabilization Fund	
4	TOTAL	\$42,142,767
5	EXPENSES:	
6	For operation, maintenance and repairs	\$40,396,124
7	For interest on bonds, notes of scrip	0.00
8	For depreciation fund	\$756,000
9	For sinking fund requirements	0.00
10	For note payments	0.00
11	For bond payments	0.00
12	For loss in preceding year	0.00
13		
14	TOTAL	\$41,152,124
15	COST:	
16	Of gas to be used for municipal buildings	\$0.00
17	Of gas to be used for street lights	0.00
18	Of electricity to be used for municipal buildings	1,075,653
19	Of electricity to be used for street lights	139,347
20	Total of the above items to be included in the tax levy	\$1,215,000
21		
22	New construction to be included in the tax levy	0
23	Total amounts to be included in the tax levy	\$1,215,000

CUSTOMERS

Names of the cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of the cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each	
City or Town	Number of Customers Meters, Dec. 31	City or Town	Number of Customers Meters, Dec. 31
		Hudson	9,264
		Stow	3,047
		Berlin, Bolton, Boxboro, Harvard, Maynard, Marlboro	151
NOT APPLICABLE			
TOTAL		TOTAL	
			12,462

APPROPRIATIONS SINCE BEGINNING OF YEAR

(Includes also all items charge direct to tax levy, even where no appropriation is made or required.)

FOR CONSTRUCTION OR PURCHASE OF PLANT:*At meeting 1st, to be paid from ~*At meeting 1st, to be paid from ~**TOTAL**

None

FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR:

1 Street lights \$ 168,634.00

2 Municipal buildings (Amounts are included in overall appropriations for each Department) -

3

TOTAL

\$ 168,634.00

*Date of meeting and whether regular or special. ~Here insert bonds, notes or tax levy.

CHANGES IN PROPERTY

- 1 Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

In electric property:

None.

In gas property:

NOT APPLICABLE

BONDS

(Issued on Account of Gas or Electric Lighting.)

[illegible]

The bonds and notes outstanding at the end of year should agree with the Balance Sheet. When bonds and notes are repaid report the first three columns only.

*Date of meeting and whether regular or special.

**List original issue of bonds and notes including those that have been retired.

TOWN NOTES
(Issued on Account of Gas or Electric Lighting.)

[illegible]

The bonds and notes outstanding at the end of year should agree with the Balance Sheet. When bonds and notes are repaid report the first three columns only.

* Date of meeting and whether regular or special. ** List original issues of bonds and notes including those that have been retired.

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The bonds and notes outstanding at the end of year should agree with the Balance Sheet. When bonds and notes are repaid report the first three columns only.

* Date of meeting and whether regular or special. ** List original issues of bonds and notes including those that have been retired.

TOTAL COST OF PLANT - ELECTRIC

1. Report below the cost of utility plant in service according to the prescribed accounts.
2. Do not include as adjustments, corrections of additions and retirements for the current or the pre-

ceding year. Such items should be included in column (c) or (d) as appropriate.
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

effect of such amounts.
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1. INTANGIBLE PLANT	\$3,871.33	\$0.00	\$0.00	\$0.00	\$0.00	\$3,871.33
	\$3,871.33	\$0.00	\$0.00	\$0.00	\$0.00	\$3,871.33
2. PRODUCTION PLANT						
A. Steam Production						
310 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
311 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
312 Boiler Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
313 Engines and Engine Driven Generators	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
314 Turbogenerator Units	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
315 Accessory Electric Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
316 Miscellaneous Power Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Steam Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B. Nuclear Production Plant						
320 Land and Land rights	\$1,457.43	\$0.00	\$0.00	\$0.00	\$0.00	\$1,457.43
321 Structures and Improvements	\$906,153.82	\$1,146.31	\$0.00	\$0.00	\$0.00	\$907,300.13
322 Reactor Plant equipment	\$1,323,054.55	\$14,116.76	\$0.00	\$0.00	\$0.00	\$1,337,171.31
323 Turbogenerator Units	\$239,528.57	\$37,558.87	\$0.00	\$0.00	\$0.00	\$277,087.44
324 Accessory Electric Equipment	\$313,293.92	\$1,887.67	\$0.00	\$0.00	\$0.00	\$315,181.59
325 Miscellaneous Power Plant Equipment	\$124,677.43	\$690.83	\$0.00	\$0.00	\$0.00	\$125,368.26
Total Nuclear Production Plant	\$2,908,165.71	\$55,400.44	\$0.00	\$0.00	\$0.00	\$2,963,566.15

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	331 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	332 Reservoirs, Dams and Waterways	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	333 Water Wheels, Turbines and Generators	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	334 Accessory Electric Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	335 Miscellaneous Power Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	336 Roads, Railroads and Bridges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	Total Hydraulic Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	D. Other Production Plant						
11	340 Land and Land Rights	\$5,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,500.00
12	341 Structures and Improvements	\$366,016.75	\$41,045.50	\$0.00	\$0.00	\$0.00	\$407,062.25
13	342 Fuel Holders, Producers and Accessories	\$239,648.47	\$0.00	\$0.00	\$0.00	\$0.00	\$239,648.47
14	343 Prime Movers	\$2,184,537.96	\$0.00	\$0.00	\$0.00	\$0.00	\$2,184,537.96
15	344 Generators	\$292,553.53	\$11,342.44	\$0.00	\$0.00	\$0.00	\$303,895.97
16	345 Accessory Electric Equipment	\$602,757.83	\$0.00	\$0.00	\$0.00	\$0.00	\$602,757.83
17	346 Miscellaneous Power Plant Equipment	\$83,890.76	\$0.00	\$0.00	\$0.00	\$0.00	\$83,890.76
18	Total Other Production Plant	\$3,774,905.30	\$52,387.94	\$0.00	\$0.00	\$0.00	\$3,827,293.24
19	Total Production Plant	\$6,683,071.01	\$107,788.38	\$0.00	\$0.00	\$0.00	\$6,790,859.39
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights	\$53,804.14	\$0.00	\$0.00	\$0.00	\$0.00	\$53,804.14
22	351 Clearing Land and Rights of Way	\$20,980.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,980.00
23	352 Structures and Improvements	\$132,415.58	\$0.00	\$0.00	\$0.00	\$0.00	\$132,415.58
24	353 Station Equipment	\$2,101,687.29	\$12,057.19	\$0.00	(\$50,062.49)	\$0.00	\$2,063,681.99
25	354 Towers and Fixtures	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26	355 Poles and Fixtures	\$747,014.47	\$0.00	\$0.00	\$0.00	\$0.00	\$747,014.47
27	356 Overhead Conductors and Devices	\$184,656.56	\$0.00	\$0.00	\$0.00	\$0.00	\$184,656.56
28	357 Underground Conduits	\$6,158.07	\$0.00	\$0.00	\$0.00	\$0.00	\$6,158.07
29	358 Underground Conductors and Devices	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
30	359 Roads and Trails	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
31	Total Transmission Plant	\$3,246,716.11	\$12,057.19	\$0.00	(\$50,062.49)	\$0.00	\$3,208,710.81

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COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	UTILITY PLANT			
2	101 Utility Plant - Electric (P.17)	\$8,157,259.99	\$7,931,120.79	\$ (226,139.20)
3	101 Utility Plant - Gas (P.20)	0.00	0.00	0.00
4	120 Nuclear Fuel	105,686.69	121,721.45	16,034.76
5	Total Utility Plant	\$ 8,262,946.68	\$ 8,052,842.24	\$ (210,104.44)
6				
7	123 Invest in Assoc. Companies	\$ 35,767.52	\$ 30,628.59	\$ (5,138.93)
8	124 Other Investments	0.00	0.00	0.00
9		\$ 35,767.52	\$ 30,628.59	\$ (5,138.93)
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds	\$ -	\$ -	\$ -
13	126 Depreciation Fund (P. 14)	4,715,075.28	5,308,050.47	592,975.19
14	128 Other Special Funds	284,251.86	1,553,955.07	1,269,703.21
15	Total Funds	\$ 4,999,327.14	\$ 6,862,005.54	\$ 1,862,678.40
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14)	\$ 6,405,302.43	\$ 4,589,415.29	\$ (1,815,887.14)
18	132 Special Deposits	669,674.62	767,752.71	98,078.09
19	135 Working Funds	500.00	500.00	0.00
20	141 Notes and Receivables	0.00	0.00	0.00
21	142 Customer Accounts Receivable	3,622,263.72	4,161,039.11	538,775.39
22	143 Other Accounts Receivable	151,057.89	352,729.03	201,671.14
23	146 Receivables from Municipality	0.00	0.00	0.00
24	151 Materials and Supplies (P.14)	1,110,290.25	1,158,151.96	47,861.71
25				0.00
26	165 Prepayments	1,013,323.18	1,181,207.24	167,884.06
27	174 Miscellaneous Current Assets	0.00	0.00	-
28	Total Current and Accrued Assets	\$ 12,972,412.09	\$ 12,210,795.34	\$ (761,616.75)
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount	0.00	0.00	0.00
31	182 Extraordinary Property Losses	0.00	0.00	0.00
32	185 Other Deferred Debits	0.00	0.00	0.00
33	Total Deferred Debits	0.00	0.00	0.00
34				
35	Total Assets and Other Debits	\$ 26,270,453.43	\$ 27,156,271.71	\$ 885,818.28

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	APPROPRIATIONS			
2	201 Appropriations for Construction	0.00	0.00	0.00
3	SURPLUS			
4	205 Sinking Fund Reserves	0.00	0.00	0.00
5	206 Loans Repayments	1,925,000.00	1,925,000.00	0.00
6	207 Appropriations for Construction Repayments	20,093.39	20,093.39	0.00
7	208 Unappropriated Earned Surplus (P.12)	17,148,527.26	17,247,382.15	98,854.89
8	Total Surplus	19,093,620.65	19,192,475.54	98,854.89
9	LONG TERM DEBT			
10	221 Bonds (P.6)	0.00	0.00	0.00
11	231 Notes Payable (P.7)	0.00	0.00	0.00
12	Total Bonds and Notes	0.00	0.00	0.00
13	CURRENT & ACCRUED LIABILITIES			
14	232 Accounts Payable	1,333,572.20	1,447,035.07	113,462.87
15	234 Payables to Municipality	254,779.79	256,353.11	1,573.32
16	235 Customer Deposits	669,674.62	767,752.71	98,078.09
17	236 Taxes Accrued	(0.42)	25,847.70	25,848.12
18	237 Interest Accrued	0.00	0.00	0.00
19	242 Miscellaneous Current and Accrued Liabilities	1,299,425.75	1,613,369.82	313,944.07
20	Total Current and Accrued Liabilities	3,557,451.94	4,110,358.41	552,906.47
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt	0.00	0.00	0.00
23	252 Customer Advances for Construction	144,402.96	162,895.30	18,492.34
24	253 Other Deferred Credits	1,726,659.28	1,889,582.36	162,923.08
25	Total Deferred Credits	1,871,062.24	2,052,477.66	181,415.42
26	RESERVES			
27	260 Reserves for Uncollectible Accounts	0.00	0.00	0.00
28	261 Property Insurance Reserve	0.00	0.00	0.00
29	262 Injuries and Damages Reserves	0.00	0.00	0.00
30	263 Pensions and Benefits	0.00	0.00	0.00
31	265 Miscellaneous Operating Reserves	0.00	0.00	0.00
32	Total Reserves	0.00	0.00	0.00
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction	1,748,318.60	1,798,027.97	49,709.37
35	Total Liabilities and Other Credits	26,270,453.43	27,153,339.58	882,886.15

State below if any earnings of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used and the amount thereof.

Transferred \$225,000.00 to the Town of Hudson

Transferred \$31,353.11 to the Town of Stow

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Total	
		Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P. 37 and P. 43)	\$ 44,065,188.00	\$ (2,905,155.40)
3	Operating Expenses		
4	401 Operating Expenses (P. 42)	\$ 41,614,158.27	\$ (2,883,225.57)
5	402 Maintenance Expenses (P. 42)	1,354,272.97	182,319.04
6	403 Depreciation Expenses	741,230.53	8,870.15
7	407 Amortization of Property Losses	-	-
8			
9	408 Taxes (P. 49)	23,113.86	1,352.12
10	Total Operating Expenses	\$ 43,732,775.63	\$ (2,690,684.26)
11	Operating Income	\$ 332,412.37	\$ (214,471.14)
12	414 Other Utility Operating Income (P. 50)	\$ -	\$ -
13			
14	Total Operating Income	\$ 332,412.37	\$ (214,471.14)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing and Contract Work (P. 51)	\$ -	\$ -
17	419 Interest Income	73,111.74	(30,271.25)
18	421 Miscellaneous Income	66.00	(751.00)
19	Total Other Income	\$ 73,177.74	\$ (31,022.25)
20	Total Income	\$ 405,590.11	\$ (245,493.39)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	\$ -	\$ -
23	426 Other Income Deductions	119.00	(27.00)
24	Total Income Deductions	\$ 119.00	\$ (27.00)
25	Income Before Interest Charges	\$ 405,471.11	\$ (245,466.39)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	\$ -	\$ -
28	428 Amortization of Debt Discount and Expenses	-	-
29	429 Amortization of Premium on Debt	-	-
30	431 Other Interest Expenses	-	-
31	432 Interest Charged to Construction - Credit	-	-
32	Total Interest Charges	\$ -	-
33	NET INCOME	\$ 405,471.11	\$ (245,466.39)
EARNED SURPLUS			
Line No.	(a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		\$ 17,148,527.26
35			
36			
37	433 Balance Transferred from Income		405,471.11
38	434 Miscellaneous Credits to Surplus		
39	435 Miscellaneous Debits to Surplus	\$ 47,330.98	
40	436 Appropriations of Surplus (P. 21)	256,353.11	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	17,250,314.28	
43			
44	TOTALS	\$ 17,553,998.37	\$ 17,553,998.37

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CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items (a)	Amount (b)
1	Operation Fund	\$ 4,589,415.29
2	Interest Fund	0.00
3	Bond Fund	0.00
4	Construction Fund (128)	0.00
5	Miscellaneous Cash (128)	1,484,620.34
6	Escrow Reserve (128)	69,334.73
7		
8		
9		
10		
11		
12	TOTAL	\$ 6,143,370.36

MATERIALS AND SUPPLIES (Accounts 151-159, 163)

Summary Per Balance Sheet

Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25)	\$ 297,910.05	
14	Fuels Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154)	860,241.91	NOT APPLICABLE
17	Merchandise (Account 155)		
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)		
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)		
23	Total Per Balance Sheet	\$ 1,158,151.96	

DEPRECIATION FUND ACCOUNT (Account 136)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of account at beginning of year	\$ 4,715,075.28
26	Income during year from balance on deposit	54,788.80
27	Amount transferred from income	741,230.27
28	TOTAL	\$ 5,511,094.35
29	CREDITS	
30		
31	Amount expended for construction purposes(Sec.57,C164 of G.L.)	\$ 203,043.88
32	Amounts expended for renewals, viz:	
33	Adjustment	
34		
35		
36		
37		
38		
39	Balance on hand at end of year	5,308,050.47
40	TOTAL	\$ 5,511,094.35

UTILITY PLANT - ELECTRIC

1. Report below the items of utility plant in service according to the prescribed accounts,
2. Do not include as adjustments, corrections of additions and retirements for the current or the pre-

ceding year. Such items should be included in column (c).
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

effect of such amounts.
4. Reclassifications of transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1							
2	1. INTANGIBLE PLANT	\$3,871.33	\$0.00			\$0.00	\$3,871.33
3							
4	Total Intangible Plant	\$3,871.33	\$0.00	\$0.00	\$0.00	\$0.00	\$3,871.33
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	311 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	312 Boiler Plant equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	313 Engine and Engine Driven Generators	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	314 Turbogenerator Units	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	315 Accessory Electric Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	316 Miscellaneous Power Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14							
15	Total Steam Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	B. Nuclear Production Plant						
17	320 Land and Land Rights	\$1,457.43	\$0.00	\$0.00	\$0.00	\$0.00	\$1,457.43
18	321 Structures and Improvements	\$138,549.43	\$1,146.31	\$30,997.38	\$0.00	\$0.00	\$108,698.36
	322 Reactor Plant Equipment	\$186,617.18	\$14,116.76	\$45,258.57	\$0.00	\$0.00	\$155,475.37
20	323 Turbogenerator Units	\$69,705.42	\$37,558.87	\$8,193.71	\$0.00	\$0.00	\$99,070.58
21	324 Accessory Electric Equipment	\$37,997.47	\$1,887.67	\$10,717.05	\$0.00	\$0.00	\$29,168.09
22	325 Miscellaneous Power Plant Equipment	\$38,053.86	\$690.83	\$4,264.92	\$0.00	\$0.00	\$34,479.77
23	Total Nuclear Production Plant	\$472,380.79	\$55,400.44	\$99,431.63	\$0.00	\$0.00	\$428,349.60

Annual report of TOWN OF HUDSON LIGHT AND POWER DEPARTMENT

Year ended December 31, 2011

UTILITY PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	331 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	332 Reservoirs, Dams and Waterways	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	333 Water Wheels, turbines and Generators	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	334 Accessory Electric equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	335 Miscellaneous Power Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	336 Roads, Railroads and Bridges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	Total Hydraulic Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	D. Other Production Plant						
11	340 Land and Land Rights	\$5,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,500.00
12	341 Structures and Improvements	\$141,001.47	\$41,045.50	\$12,520.57	\$0.00	\$0.00	\$169,526.40
13	342 Fuel Holders, Producers and Accessories	\$142,277.14	\$0.00	\$8,197.81	\$0.00	\$0.00	\$134,079.33
14	343 Prime Movers	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	344 Generators	\$62,049.57	\$11,342.44	\$10,007.57	\$0.00	\$0.00	\$63,384.44
16	345 Accessory Electric Equipment	\$18,088.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,088.00
17	346 Miscellaneous Power Plant Equipment	\$18,948.36	\$0.00	\$2,869.70	\$0.00	\$0.01	\$16,078.67
18	Total Other Production Plant	\$387,864.54	\$52,387.94	\$33,595.65	\$0.00	\$0.01	\$406,656.84
19	Total Production Plant	\$860,245.33	\$107,788.38	\$133,027.28	\$0.00	\$0.01	\$835,006.44
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights	\$53,804.14	\$0.00	\$0.00	\$0.00	\$0.00	\$53,804.14
22	351 Clearing Land and Rights of Way	\$20,980.00	\$0.00	\$717.68	\$0.00	(\$0.03)	\$20,262.29
23	352 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	353 Station Equipment	\$1,582,854.53	\$12,057.19	\$71,893.76	\$0.00	(\$50,062.49)	\$1,472,955.47
25	354 Towers and Fixtures	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26	355 Poles and Fixtures	\$44,235.40	\$0.00	\$25,553.60	\$0.00	(\$0.04)	\$18,681.76
27	356 Overhead Conductors and Devices	\$2,232.18	\$0.00	\$2,232.18	\$0.00	\$0.00	\$0.00
28	357 Underground Conduits	\$1,936.42	\$0.00	\$210.65	\$0.00	\$0.03	\$1,725.80
29	358 Underground Conductors and Devices	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
30	359 Roads and Trails	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
31	Total Transmission Plant	\$1,706,042.67	\$12,057.19	\$100,607.87	\$0.00	(\$50,062.53)	\$1,567,429.46

UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	361 Structures and Improvements	\$4,312.68	\$0.00	\$401.63	\$0.00	(\$0.01)	\$3,911.04
4	362 Station Equipment	\$388,167.20	\$63,253.19	\$68,435.23	\$0.00	\$0.00	\$382,985.16
5	363 Storage Battery Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	364 Poles, Towers and Fixtures	\$49,021.16	\$25,176.78	\$26,353.85	\$0.00	\$0.00	\$47,844.09
7	365 Overhead Conductors and Devices	\$1,274,117.97	\$106,363.47	\$100,894.29	\$0.00	\$0.00	\$1,279,587.15
8	366 Underground Conduits	\$168,106.53	\$1,478.15	\$19,060.01	\$0.00	\$0.00	\$150,524.67
9	367 Underground Conductors & Devices	\$225,635.85	\$20,019.31	\$30,995.03	\$0.00	(\$50,000.00)	\$164,660.13
10	368 Line Transformers	\$929,392.46	\$75,596.63	\$102,488.21	\$2,932.17	\$0.00	\$899,568.71
11	369 Services	\$94,181.85	\$2,178.52	\$18,812.72	\$0.00	\$0.00	\$77,547.65
12	370 Meters	\$879,373.81	\$7,990.01	\$31,982.36	\$0.00	\$0.00	\$855,381.46
13	371 Installations on Cust's Premises	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	373 Street Lighting and Signal Systems	\$75,614.52	\$0.00	\$14,785.07	\$0.00	\$0.00	\$60,829.45
15	374 Distribution Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	Total Distribution Plant	\$4,087,924.03	\$302,056.06	\$414,208.40	\$2,932.17	(\$50,000.01)	\$3,922,839.51
17	5. GENERAL PLANT						
18	389 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	390 Structures and Improvements	\$122,891.84	\$2,942.39	\$21,857.30	\$0.00	\$0.04	\$103,976.97
20	391 Office Furniture and Equipment	\$161,886.10	\$23,778.69	\$25,769.72	\$0.00	\$0.00	\$159,895.07
21	392 Transportation Equipment	\$613,812.40	\$17,254.94	\$33,099.06	\$0.00	\$0.00	\$597,968.28
22	393 Stores Equipment	\$98,380.84	\$0.00	\$4,174.09	\$0.00	\$0.02	\$94,206.77
23	394 Tools, Shop and Garage Equipment	\$29,991.10	\$4,085.16	\$3,248.53	\$0.00	\$0.00	\$30,827.73
24	395 Laboratory Equipment	\$13,911.73	\$0.00	\$1,831.62	\$0.00	(\$0.04)	\$12,080.07
25	396 Power Operated Equipment	\$3,447.27	\$0.00	\$221.60	\$0.00	(\$0.04)	\$3,225.63
26	397 Communication Equipment	\$7,025.28	\$0.00	\$1,834.68	\$0.00	\$0.00	\$5,190.60
27	398 Miscellaneous equipment	\$9,252.50	\$0.00	\$933.05	\$0.00	\$0.01	\$8,319.46
28	399 Other Tangible Property	\$12,159.03	\$3,720.01	\$417.08	\$0.00	\$0.00	\$15,461.96
29	Total General Plant	\$1,072,758.09	\$51,781.19	\$93,386.73	\$0.00	(\$0.01)	\$1,031,152.54
30	Total Electric Plant in Service	\$7,730,841.45	\$473,682.82	\$741,230.28	\$2,932.17	(\$100,062.54)	\$7,360,299.28
31	104 Utility Plant Leased to Others	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32	105 Property Held for Future Use	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
33	107 Construction Work in Progress	\$426,418.54	\$44,340.48	\$0.00	\$0.00	\$100,062.49	\$570,821.51
34	Total Utility Plant Electric	\$8,157,259.99	\$518,023.30	\$741,230.28	\$2,932.17	(\$0.05)	\$7,931,120.79

**PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)
(Except Nuclear Materials)**

1. Report below the information called for concerning production fuel and oil stocks.
2. Show quantities in tons of 2,000 lbs., gal., or M cf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fueled separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kind of Fuel and Oil			
			#2 DIESEL		GAS MCF	
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year	\$ 257,957.12	138,588	\$ 257,957.12	0	\$ -
2	Received During Year	80,543.51	20,018	61,749.26	2,274	18,794.25
3	TOTAL	\$ 338,500.63	158,606	\$ 319,706.38	2,274	\$ 18,794.25
4	Used During Year (Note A)	\$ 44,210.99	11,363	25,416.74	2,274	\$ 18,794.25
5						
6						
7						
8						
9						
10						
11	Sold or Transferred	\$ -	68	(3,620.42)	0	\$ -
12	TOTAL DISPOSED OF	\$ 44,210.99	11,431	\$ 21,796.32	2,274	\$ 18,794.25
13	BALANCE END OF YEAR	\$ 294,289.63	147,175	\$ 297,910.05	0	\$0.00
Line No.	Item (g)	Kinds of Fuel and Oil - Continued				
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)	
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

Note A - Indicate specific purpose for which used, e.g. Boiler Oil, Make Oil, Generator Fuel, Etc.

Annual report of TOWN OF HUDSON LIGHT AND POWER DEPARTMENT

Year ended December 31, 2011

MISCELLANEOUS NONOPERATING INCOME (ACCOUNT 421)		
Line No.	Item (a)	Amount (b)
1	Miscellaneous Non-Operating Income	\$ 66.00
2		
3		
4		
5		
6	TOTAL	\$ 66.00
OTHER INCOME DEDUCTIONS (ACCOUNT 426)		
Line No.	Item (a)	Amount (b)
7	Donations	\$ 42.00
8	Penalties	0.00
9	Expenditures for Civic, Political Activities	77.00
10	Other Interest Expense	0.00
11		
12		
13		
14	TOTAL	\$ 119.00
MISCELLANEOUS CREDITS TO SURPLUS (ACCOUNT 434)		
Line No.	Item (a)	Amount (b)
15	Refund of Prior Years Cost	\$ -
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	\$ -
MISCELLANEOUS DEBITS TO SURPLUS (ACCOUNT 435)		
Line No.	Item (a)	Amount (b)
24	Expensed to Prior Years Cost	\$ -
25		
26		
27		
28		
29		
32	TOTAL	\$ -
APPROPRIATIONS OF SURPLUS (ACCOUNT 436)		
Line No.	Item (a)	Amount (b)
33	Transfer to Town of Hudson Treasury	\$ 225,000.00
34	Transfer to Town of Stow Treasury	31,353.11
35		
36		
37		
38		
39		
40	TOTAL	\$ 256,353.11

MUNICIPAL REVENUES (ACCOUNTS 482, 444)					
(K.W.H. sold under the provisions of Chapter 269, Actions of 1927)					
Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue (\$0.0000) (d)
1	482	NOT APPLICABLE			
2					
3					
4					
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue per K.W.H. (cents) (0.0000) (d)
5	444	Municipal (Other than Street Lighting)			
6		All Electric	3,373,900	\$ 397,120.31	11.7704
7		Power	8,396,749	945,352.59	11.2586
8		Commercial	1,052,589	147,376.72	14.0014
9		Yard Lighting	27,642	5,608.71	20.2905
10		TOTALS	12,850,880	\$ 1,495,458.33	11.6370
11		Street Lighting			
12		Town of Hudson	1,214,734	\$ 139,345.72	11.4713
13		Town of Stow	54,955	\$ 6,229.61	11.3358
14		Town of Berlin	350	\$ 39.69	11.3400
15		TOTALS	1,270,039	\$ 145,615.02	11.4654
16		TOTALS	14,120,919	\$ 1,641,073.35	11.6216
17		TOTALS			
18		TOTALS			
19		TOTALS			
PURCHASED POWER (ACCOUNT 555)					
Line No.	Names of Utilities from Which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Cost per K.W.H. (cents) (0.0000) (e)
20	See Pages 54, 55, 56 for Details				
21					
22					
23					
24					
25					
26					
27					
28					
29		TOTALS	0	0.00	0.0000
SALES FOR RESALE (ACCOUNT 447)					
Line No.	Names of Utilities to Which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Revenues per K.W.H. (cents) (0.0000) (e)
30	See Pages 52,53 for details				
31					
32					
33					
34					
35					
36					
37					
38					
39					
40		TOTALS	0	0.00	0.0000

ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of Operating Revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year;

2. If increases and decreases are not derived from previously reported figures explain any inconsistencies.

3. Number of customers should be reported on the basis of number of meters plus number of flat rate accounts, except that where separate meter readings are

added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of 12 figures at the close

of each month. If the customer count in the residential service classification includes customer counted more than once because of special services, such as water, heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.

5. Classification of Commercial and Industrial Sales, Account 442, according to small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 kW of demand. See account 442 of the Uniform System of Accounts. Explain basis of classification.

Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per month	
		Amount for Year (b)	Increase of (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	SALES OF ELECTRICITY						
2	440 Residential Sales	\$ 13,563,574.17	\$ 55,876.62	100,002,698	41,545	10,665	30
3	442 Commercial and Industrial Sales:						
4	Small (or Commercial) see instr. 5	3,466,663.15	(222,308.04)	25,403,628	311,780	1,324	2
5	Large (or Industrial) see instr. 5	25,113,191.45	(1,875,068.97)	244,231,282	(14,616,503)	158	0
6	444 Municipal Sales; (P. 22)	1,641,073.35	(177,373.22)	14,120,919	(509,794)	126	(2)
7	445 Other Sales to Public Authorities	-	-	0	0	0	0
8	446 Sales to Railroads and Railways	-	-	0	0	0	0
9	449 Fuel Charge Adjustment	(162,923.08)	(762,613.30)	0	0	0	0
10	449 Miscellaneous Electric Sales	120,741.61	6,439.27	609,421	72	173	0
11	Total Sales to Ultimate Consumers	\$ 43,742,320.65	\$ (2,975,047.64)	384,367,948	(14,772,900)	12,446	30
12	447 Sales for Resale	-	-	0	0	0	0
13	Total Sales of Electricity*	\$ 43,742,320.65	\$ (2,975,047.64)	384,367,948	(14,772,900)	12,446	30
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts						
16	451 Miscellaneous Service Revenues						
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	\$ 34,855.35	\$ (36,925.23)				
19	455 Interdepartmental Rents		-				
20	456 Other Electric Revenues	288,012.00	106,817.47				
21							
22							
23	Miscellaneous Adjustments to Sales						
24							
25	Total Other Operating Revenues	\$ 322,867.35	\$ 69,892.24				
26	Total Electric Operating Revenues	\$ 44,065,188.00	\$ (2,905,155.40)				

*Includes revenues from application of fuel clauses

\$ 20,830,530.72

Total kWh to which applied

383,097,909

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Line No.	Acct. No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (Per Bills Rendered)	
						July 31, (e)	Dec. 31, (f)
1	440	"A" Domestic Rate	69,896,021	\$ 6,025,702.67	8.6210	8,471	8,468
2	442	"C" Commercial Rate	25,388,544	2,056,299.11	8.0993	1,321	1,328
3	442	"D" Power Rate	244,231,282	11,603,342.08	4.7510	157	156
4	440	"E" Water Heater Residential	15,901,800	1,177,820.57	7.4068	1,357	1,361
5	440	"F" Rate All Electric	14,204,877	1,024,152.84	7.2099	847	850
6	442	"G" Rate Commercial Heat	15,084	1,235.21	8.1889	2	2
7	444	Street Lighting	1,270,039	145,615.02	11.4654	3	3
8	444	Municipal Sales	12,823,238	786,951.94	6.1369	127	127
9	449	Yard Lighting	637,063	90,670.49	14.2326	169	169
10	449	Power Adjustment Charge		20,830,530.72			
11							
12							
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42							
43							
44		TOTAL SALES TO ULTIMATE CONSUMERS (Page 37 line 11)	384,367,948	\$ 43,742,320.65	11.3803	12,454	12,464

ELECTRIC OPERATING AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year.

2. If the increases and decreases are not derived from previously reported figures explain in footnote.

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering		
5	501 Fuel		
6	502 Steam expenses		
7	503 Steam from other sources		
8	504 Steam transferred - Cr.		
9	505 Electric expenses		
10	506 Miscellaneous steam power expenses		
11	507 Rents		
12	Total Operation	0.00	0.00
13	Maintenance:		
14	510 Maintenance supervision and engineering		
15	511 Maintenance of structures		
16	512 Maintenance of boiler plant		
17	513 Maintenance of electric plant		
18	514 Maintenance of miscellaneous steam plant		
19	Total Maintenance	0.00	0.00
20	Total power production expenses - steam power	0.00	0.00
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering	\$ 34,392.00	\$ 4,721.00
24	518 Fuel	52,561.24	(14,829.46)
25	519 Coolants and water	2,982.00	562.00
26	520 Steam expenses	7,534.00	3,566.00
27	521 Steam from other sources	0.00	0.00
28	522 Steam transferred - Cr.	0.00	0.00
29	523 Electric expenses	0.00	-
30	524 Miscellaneous nuclear power expenses	54,926.00	1,039.00
31	525 Rents	0.00	0.00
32	Total operation	\$ 152,395.24	\$ (4,941.46)
33	Maintenance		
34	528 Maintenance supervision and engineering	\$ 10,928.00	\$ 9,026.00
35	529 Maintenance of structures	7,528.00	1,428.00
36	530 Maintenance of reactor plant equipment	32,058.00	22,688.00
37	531 Maintenance of electric plant	5,213.00	2,271.00
38	532 Maintenance of miscellaneous nuclear plant	4,036.00	2,508.00
39	Total maintenance	\$ 59,763.00	\$ 37,921.00
40	Total power production expenses-nuclear power	\$ 212,158.24	\$ 32,979.54
41	HYDRAULIC POWER GENERATION		
42	Operation		
43	535 Operation supervision and engineering		
44	536 Water for power		
45	537 Hydraulic expenses		
46	538 Electric expenses		
47	539 Miscellaneous hydraulic power generation expenses		
48	540 Rents		
49	Total operation	\$ -	\$ -

ELECTRIC OPERATING AND MAINTENANCE EXPENSES - Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - Continued		
2	Maintenance		
3	541 Maintenance supervision and engineering		
4	542 Maintenance of structure		
5	543 Maintenance of reservoirs, dams and waterways		
6	544 Maintenance of electric plant		
7	545 Maintenance of miscellaneous hydraulic plant		
8	Total maintenance		
9	Total power production expenses - hydraulic power		
10	OTHER POWER GENERATION		
11	Operation		
12	546 Operation supervision and engineering	45,652.40	2,738.79
13	547 Fuel	38,001.64	(24,671.59)
14	548 Operation expenses	91,755.13	1,117.47
15	549 Miscellaneous other power generation expenses	124,591.11	(16,158.04)
16	550 Rent	0.00	0.00
17	Total operation	300,000.28	(36,973.37)
18	Maintenance		
19	551 Maintenance supervision and engineering	43,509.58	852.32
20	552 Maintenance of structures	133,894.34	44,131.78
21	553 Maintenance of generating and electric plant	71,455.77	(31,952.33)
22	554 Maintenance of miscellaneous other power generation plant	7,920.52	(1,691.80)
23	Total maintenance	256,780.21	11,339.97
24	Total power production expenses	556,780.49	(25,633.40)
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	31,453,295.33	(3,342,352.49)
27	556 System control and load dispatching	7,791.72	109.58
28	557 Other expenses	0.00	0.00
29	Total other power supply expenses	31,461,087.05	(3,342,242.91)
30	Total power production expenses	32,230,025.78	(3,334,896.77)
31	TRANSMISSION EXPENSES		
32	Operation		
33	560 Operation supervision and engineering	0.00	0.00
34	561 Load dispatching	0.00	0.00
35	562 Station Expenses	7,370.56	3,820.81
36	563 Overhead line expenses	3,961.92	3,961.92
37	564 Underground line expenses	0.00	0.00
38	565 Transmission of electricity by others	5,022,736.00	463,922.64
39	566 Miscellaneous transmission expenses	0.00	0.00
40	567 Rents	0.00	0.00
41	Total operation	5,034,068.48	471,705.37
42	Maintenance		
43	568 Maintenance supervision and engineering	0.00	0.00
44	569 Maintenance of structures	4,659.18	(5,500.47)
45	570 Maintenance of station equipment	9,978.76	(6,291.52)
46	571 Maintenance of overhead lines	35,400.00	(41,359.21)
47	572 Maintenance of underground lines	0.00	0.00
48	573 Maintenance of miscellaneous transmission plant	0.00	0.00
49	Total maintenance	50,037.94	(53,151.20)
	Total transmission expenses	5,084,106.42	418,554.17

ELECTRIC OPERATING AND MAINTENANCE EXPENSES			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation supervision and engineering	\$ 53,316.63	\$ 3,788.53
4	581 Load dispatching	0.00	-
5	582 Station expenses	176,106.83	17,562.37
6	583 Overhead line expenses	6,171.78	1,860.80
7	584 Underground line expenses	0.00	-
8	585 Street lighting and signal system expenses	15,383.17	(3,366.57)
9	586 Meter expenses	125,421.04	3,635.49
10	587 Customer installations expenses	141,342.77	108,054.53
11	588 Miscellaneous distribution expenses	36,237.07	(24,964.90)
12	589 Rents	0.00	-
13	Total operation	\$ 553,979.29	\$ 106,570.25
14	Maintenance:		
15	590 Maintenance supervision and engineering	\$ 52,006.61	\$ 2,227.62
16	591 Maintenance of structures	0.00	-
17	592 Maintenance of station equipment	9,361.70	2,553.60
18	593 Maintenance of overhead lines	678,928.70	128,552.92
19	594 Maintenance of underground lines	13,910.82	(169.66)
20	595 Maintenance of line transformers	12,662.43	(6,602.91)
21	596 Maintenance of street lighting and signal systems	11,966.23	9,816.66
22	597 Maintenance of meters	267.68	267.68
23	598 Maintenance of miscellaneous distribution plant	0.62	0.62
24	Total maintenance	\$ 779,104.79	\$ 136,646.53
25	Total distribution expenses	\$ 1,333,084.08	\$ 243,216.78
26	CUSTOMERS ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	\$ 21,890.80	\$ 1,966.43
29	902 Meter reading expenses	29,387.58	1,379.30
30	903 Customer records and collection expenses	372,522.79	6,748.38
31	904 Uncollectible accounts	51,622.41	(34,137.27)
32	905 Miscellaneous customer accounts expenses	0.00	-
33	Total customer accounts expenses	\$ 475,423.58	\$ (24,043.16)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	0.00	\$ -
37	912 Demonstrating and selling expenses	0.00	-
38	913 Advertising expenses	1,782.37	1,405.27
39	916 Miscellaneous sales expenses	1,420.00	(59,749.30)
40	Total sales expenses	\$ 3,202.37	\$ (58,344.03)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	\$ 628,388.67	\$ 36,032.02
44	921 Office supplies and expenses	11,456.99	2,308.05
45	922 Administrative expenses transferred - Cr.	0.00	-
46	923 Outside services employed	103,581.90	16,555.98
47	924 Property insurance	51,832.00	6,681.00
48	925 Injuries and damages	149,691.11	(3,506.96)
49	926 Employees pensions and benefits	2,622,554.23	(84,971.42)
50	928 Regulatory commission expenses	0.00	-
51	929 Duplicate Charges - Cr	0.00	-
52	930 Miscellaneous general expenses	66,497.08	31,945.07
53	931 Rents	0.00	-
54	Total operation	\$ 3,634,001.98	\$ 5,043.74

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont.		
2	Maintenance		
3	932 Maintenance of general plant	\$ 110,709.45	30,180.79
4	933 Transportation Expenses	97,877.58	19,381.95
5	Total Maintenance	\$ 208,587.03	\$ 49,562.74
6	Total administrative and general expenses	\$ 4,321,214.96	\$ (27,780.71)
7	Total Electric Operation and Maintenance Expenses	\$ 42,968,431.24	\$ (2,700,906.53)

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
8	Power Production Expenses			
9	Electric Generation:			
10	Steam power			
11	Nuclear power	\$ 152,395.24	\$ 59,763.00	\$ 212,158.24
12	Hydraulic power			
13	Other power	300,000.28	256,780.21	556,780.49
14	Other power supply expenses	31,461,087.05	0.00	31,461,087.05
15	Total power production expenses	\$ 31,913,482.57	\$ 316,543.21	\$ 32,230,025.78
16	Transmission Expenses	5,034,068.48	50,037.94	5,084,106.42
17	Distribution Expenses	553,979.29	779,104.79	1,333,084.08
18	Customer Accounts Expenses	475,423.58	0.00	475,423.58
19	Sales Expenses	3,202.37	0.00	3,202.37
20	Administrative and General Expenses	3,634,001.98	208,587.03	3,842,589.01
21	Power Production Expenses			
22	Total Electric Operation and Maintenance Expenses	\$ 41,614,158.27	\$ 1,354,272.97	\$ 42,968,431.24

- 23** Ratio operating expenses to operating revenues (carry out decimal two places, e.g.: 0.00%) 99.19%
 Complete by dividing Revenues (acct. 400) into the sum of Operation and Maintenance Expenses (Page 42,
 line 20(d), Depreciation (Acct. 403) and Amortization (Acct. 407)
- 24** Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts. \$ 3,082,304.00
- 25** Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part time employees) 35

TAXES CHARGED DURING YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.

2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be showed as a footnote and designated whether estimated or actual amounts.

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.

4. The accounts to which taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the

number of appropriate balance sheet plant account or subaccount.

5. For any tax which it is necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.

6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Distribution of Taxes Charged (omit cents) (Show utility department where applicable and account charged)						
			Electric (Acct. 408, 409) (c)	Gas (Acct. 408, 409) (d)	(e)	(f)	(g)	(h)	(j)
			(k)						
1	Real Estate Taxes	18,635.86	18,635.86						
2	Payroll Taxes	4,478.00	4,478.00						
3	Income Taxes	\$ -	-						
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	TOTALS	\$ 23,113.86	\$ 23,113.86						

OTHER UTILITY OPERATION INCOME (Account 414)
Report below the particulars called for in each column.

Line No.	Property (a)	Amount of Investment (b)	Amount of Revenue (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20	NONE				
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48	TOTALS				

INCOME FROM MERCHANDISING, JOBBING, AND CONTRACT WORK (Account 415)

Report by utility departments the revenues, costs, expenses and net income from merchandising, jobbing and contract work during year.

Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work				
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	NONE			
11					
12					
13	Cost and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26	Sales expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47	TOTAL COSTS AND EXPENSES				
48	Net Profit (or Loss)				

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to (a)	(b)	(c)	Point of Delivery (d)	(e)	Kw or Kva of Demand (Specify Which)		
						Contract Demand (f)	Average Monthly Maximum Demand (g)	Annual Maximum Demand (h)
1	Non Associated Utilities	G	X	Marlboro-Hudson Line		None	NA	NA
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
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36								
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39								
40								
41								
42								

SALES FOR RESALE (Account 447) - Continued

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of Kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.
7. Explain any amounts entered in column (n) such as fuel or other adjustments.
8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sale may be grouped.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Kilowatt-hours (k)	Revenue (Omit Cents)				Revenue per KWH (Cents) (0.0000) (p)	Line No.
			Demand Charges (l)	Energy (m)	Other Charges (n)	Total (o)		
		NONE						1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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								37
								38
								39
								40
								41
TOTALS		0	0	0.00	0.00	0.00	0	42

PURCHASED POWER (Account 555)**(except interchange power)**

1. Report power purchased for resale during the year. Exclude from this schedule and report on Page 56 particulars concerning interchange power transactions during the year.

2. Provide subheadings and classify purchases as to (1) Associate Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Muni- cipalities, (6) R.E.A. Cooperatives, and (7) Other Public

Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O; and place an "x" in column (c) if purchase involves import across a state line.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased from (a)	(b)	(c)	Point of Receipt (d)	(e)	kW or kV of Demand (Specify Which)		
						Contract Demand (f)	Average Monthly Maximum Demand (g)	Annual Maximum Demand (h)
1	Wyman-Yarmouth-CMP	O	X	Marlboro-Hudson Line		2086	N/A	N/A
2	MMWEC - Mix No. 1	O	X			743	N/A	N/A
3	MMWEC - Project #3 - Millstone	O	X			633	N/A	N/A
4	MMWEC - Project #4	O	X			2281	N/A	N/A
5	MMWEC- Project #5	O	X			254	N/A	N/A
6	MMWEC - Project #6	O	X			17269	N/A	N/A
7	Taunton - Cleary Station	O				4770	N/A	N/A
8	Pasny	O	X			1838	N/A	N/A
9	Nextera	O	X			19000	N/A	N/A
10	Morgan Stanley	O	X			11000	N/A	N/A
11	JP Morgan	O	X			10000	N/A	N/A
12								
13								
14								
15								
16								
17								
18								
19	Purchased Power Used at Power Plant							
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								

PURCHASED POWER (Account 555) - Continued

(except interchange power)

4. If receipt of power is at substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and

should be furnished whether or not used in the determination of demand charges. Show in column (l) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Kilowatt-hours (k)	Cost of Energy (Omit cents)				Cost per KWH (Cents) (0.0000) (p)	Line No.
			Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
NA	115kv	229,957	\$ 87,376	\$ 34,155	\$ -	\$ 121,531	52.8494	1
NA	115 kv	5,552,859	\$ 513,969	32,190	\$ -	546,159	9.8356	2
NA	115 kv	4,777,296	\$ 396,345	26,655	\$ -	423,000	8.8544	3
NA	115 kv	15,325,603	\$ 28,701	1,458,247	\$ -	1,486,948	9.7024	4
NA	115 kv	1,706,929	\$ 161,150	14,239	\$ -	175,389	10.2751	5
NA	115 kv	116,052,185	\$ 12,619,455	968,622	\$ -	13,588,077	11.7086	6
NA	115 kv	2,464,153	\$ 399,887	189,659	\$ -	589,546	23.9249	7
NA	115 kv	8,552,144	\$ -	220,141	\$ -	220,141	2.5741	8
NA	115 kv	58,234,000	\$ 0	2,702,053	\$ -	2,702,053	4.6400	9
NA	115 kv	36,662,000	\$ -	1,644,769	\$ -	1,644,769	4.4863	10
NA	115 kv	14,880,000	\$ -	661,788	\$ -	661,788	4.4475	11
NA		14,415	\$ 807			807	5.5983	12
								13
								14
								15
								16
								17
								18
Account # 549		(1,156,227)			(63,438)	(63,438)		19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
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								33
								34
								35
								36
								37
								38
								39
								40
TOTALS		263,295,314	\$ 14,207,690	\$ 7,952,518	\$ (63,438)	\$ 22,096,770	8.3924	41

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Non-utilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).

3. Particulars of settlements for interchange power

shall be furnished in Part B, Details of Settlement for Interchange Power. If settlements for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other components were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling,

coordination, or other such arrangements, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amount and accounts in which such other amounts are included for the year.

A. Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of Company (a)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-Hours			Amount of Settlement (h)
					Received (e)	Delivered (f)	Net Difference (g)	
1	ISO NEW ENGLAND		Hudson-Marlboro Town Line	115 KV	122,208,888	0	122,208,888	\$9,197,052.46
2	USED AS STATION POWER AND CHARGED TO (549)				(1,156,226)		(1,156,226)	(\$28,059.93)
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	121,052,662	0	121,052,662	\$9,168,992.53

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	ISO NEW ENGLAND	Energy Received by H.L. & P.	\$17,494.12
14		-Capacity	
15		-Energy	\$7,149,489.80
16		-FCM Charge	\$2,030,068.54
17			
18			
19			
20			
21			
		TOTAL	\$9,197,052.46

Report below the information called for concerning the disposition of electric energy generated, purchased, and interchanged during the year.

MONTHLY PEAKS AND OUTPUT							
1. Reort hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent. 2. Monthly peak col. (b) should be respondent's maximum Kw load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange minus temporary deliveries (not interchange) or emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.				3. State type of monthly peak reading (instantaneous, 15, 30, or 60 minute integrated). 4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheelin. Total for the year should agree with line 15 above. 5. If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.			
Monthly Peak							
Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh) (See Instr. 4) (g)
29	January	58,700	MONDAY	24	19:00	60 Min.	35,323,857
30	February	56,000	TUESDAY	1	04:00	60 Min.	31,444,905
31	March	53,600	THURSDAY	3	20:00	60 Min.	32,886,704
32	April	50,900	THURSDAY	28	04:00	60 Min.	29,713,631
33	May	59,100	TUESDAY	31	16:00	60 Min.	31,379,568
34	June	68,500	THURSDAY	9	16:00	60 Min.	33,436,746
35	July	77,300	FRIDAY	22	14:00	60 Min.	38,093,449
36	August	67,100	MONDAY	1	14:00	60 Min.	35,906,394
37	September	59,400	WEDNESDAY	14	16:00	60 Min.	32,413,903
38	October	49,700	MONDAY	10	20:00	60 Min.	29,914,713
39	November	50,400	THURSDAY	22	19:00	60 Min.	30,192,910
40	December	52,500	MONDAY	19	18:00	60 Min.	31,634,765
41	TOTAL						392,341,545

GENERATING STATION STATISTIC (Large Stations)**(Except Nuclear, See Instruction 10)**

1. Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Kw* or more of installed capacity and other stations of 500 Kw* or more of installed capacity (name plate ratings). (*10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.)

2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.

3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.

4. If peak demand for 60 minutes is not available, give that which is available, specifying period.

5. If a group of employees attends more than one generating station, report on line 11 the approximate average number of employees assignable to each station.

6. If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M cu. ft.

7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense account 501 and

Line No.	Item (a)	Plant Cherry St. Sta.	Plant HLP Peaking	Plant (d)
1	Kind of plant (steam, hydro, int. comb., gas turbine)	Int. Comb.	Int. Comb.	
2	Type of plant construction (conventional, out-door, boiler, full outdoor, etc.)	Conventional	Conventional	
3	Year originally constructed	1897	1962	
4	Year last unit was installed	1972	1962	
5	Total installed capacity (maximum generator name plate ratings in kw)	11,400	4,400	
6	Net peak demand on plant-kilowatts (60 min.)	10,400	2,100	
7	Plant hours connected to load	48	10	
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condensed water	10,800	4,200	
10	(b) When limited by condensed water	10,800	4,200	
11	Average number of employees	10		
12	Net generation, exclusive of station use	360,000	20,500	
13	Cost of plant (omit cents)			
14	Land and land rights	5,500		
15	Structures and improvements	404,441	2,226	
16	Reservoirs, dams and waterways			
17	Equipment costs	2,665,309	749,422	
18	Roads, railroads and bridges			
19	Total Cost	3,075,250	751,648	
20	Cost per kw of installed capacity	285	179	
21	Production expenses:			
22	Operation supervision and engineering	45,652.40		
23	Station labor	91,755.13		
24	Fuel	38,001.64		
25	Supplies and expenses, including water	124,591.11		
26	Maintenance	256,780.21		
27	Rents	0.00		
28	Steam from other sources	0.00		
29	Steam transferred - Credit	0.00		
30	Total production expenses	556,780.49		
31	Expenses per net KWH (5 places)	\$1.46329		
32	Fuel: kind	#2 Diesel	Natural Gas	
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)	42 Gal	M Cu Ft	
34	Quantity (units) of fuel consumed	271	2,274	
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)	139,000 Btu	1030.5 BTU	
36	Average cost of fuel per unit, del. f.o.b plant	129.55684	8.26484	
37	Average cost of fuel per unit consumed	93.94554	8.26484	
38	Average cost of fuel consumed per million B.t.u	16.10670	8.02022	
39	Average cost of fuel consumed per kwh net gen.	0.09987		
40	Average B.t.u. per kwh net generation	10,313		
41				
42				

GENERATING STATION STATISTIC (Large Stations)

The Hudson Light & Power Department is a .07737% owner of Seabrook Unit #1 located at Seabrook, N.H. The generation statistics are as follows:

Line No.	Item (a)	Plant (b)
1	Kind of Plant	Nuclear
2	Type of Plant Construction	Fully Contained
3	Year Originally Constructed	1990
4	Year Last Unit Was Installed	1990
5	Total Installed Capacity	1296 MW
6	Net Peak Demand On Plant	1254 MW
7	Plant Hours Connected To Load	6,960
8	Net Continuous Plant Capability	
9	(a) When not limited by condenser water	1,246
10	(b) When limited by condenser water	1,246
11	Average number of employees	707
12	Net generation, exclusive of station use	8,361,755
13	Fuel: Kind	Nuclear
14	Unit	Grams
15	Quantity of Fuel Burned	1,325,918
16	Average Heat Content of Fuel Burned	6.31x10 ⁷ BTU/Gr
17	Average BTU Per KWH Net Generation	10,811
18		
19		
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GENERATING STATION STATISTICS (Large Stations) - Continued
(Except Nuclear, See Instruction 10)

547 as shown on line 24.

8. The items under cast of plant and production expenses represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses, however, do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined

operations with a conventional steam unit, the gas turbine should be included with the steam station.

10. If the respondent operates a nuclear power generating station submit: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses, (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (i)	Plant (j)	Line No.
						1
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STEAM GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year.
2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of

lessor, date and term of lease, and annual rent. For any generating station, other than a leased station or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output,

Line No.	Name of Station (a)	Location of Station (b)	BOILERS				
			Number and Year Installed (c)	Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M lbs Steam per hour (g)
1							
2							
3							
4							
5							
6							
7							
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NOT APPLICABLE

*Indicate reheat boilers thusly, 1050/1000

STEAM GENERATING STATIONS - Continued

expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

4. Designate any generating station or portion thereof leased to another company and give name or lease, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Turbine-Generators*

Year Installed (h)	Type~ (i)	Steam Pressure at Throttle p.s.i.g (j)	R.P.M. (k)	Name Plate Rating								Line No.
				in Kilowatts		Hydrogen Pressure~~		Power Factor (p)	Voltage K.v.~~~ (p)	Station Capacity Maximum Name Plate Rating~~~~ (r)		
				At Minimum Hydrogen Pressure (l)	at Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)					
											1	
											2	
											3	
											4	
											5	
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TOTALS											37	

Note References:

*Report cross-compound turbine-generator units on two lines - H.P. section and L.P. section

~Indicate tandem-compound (T.C.); cross compound (C.C.); all single casing (S.C.); topping unit (T), and noncondensing (N.C.). Show back pressures.

~~Designate air cooled generators

~~~If other than 3 phase, 60 cycle, indicate other characteristic.

~~~~Should agree with column (m).

HYDROELECTRIC GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.

2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as

| Line No. | Name of Station
(a) | Location
(b) | Name of Stream
(c) | Water Wheels | | | |
|----------|------------------------|-----------------|-----------------------|-------------------------------|---------------------|-----------------------|---|
| | | | | Attended or Unattended
(d) | Type of Unit
(e) | Year Installed
(f) | Gross Static Head With Pond Full
(g) |
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NOT APPLICABLE

*Horizontal or vertical. Also indicate type of runner - Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I).

HYDROELECTRIC GENERATING STATIONS (Continued)

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

| Water-Wheels - Continued | | | Generators | | | | | | Total Installed
Generating
Capacity in Kilowatts (name
plate ratings.)
(q) | Line
No. |
|--------------------------|---------------|---|--------------------------|----------------|--------------|----------------------------------|--|--|--|-------------|
| Design
Head
(h) | R.P.M.
(i) | Maximum hp.
Capacity of
Unit at
Design Head
(j) | Year
Installed
(k) | Voltage
(l) | Phase
(m) | Fre-
quency
or d.c.
(n) | Name Plate
Rating of
Unit in
Kilowatts
(o) | Number
of
Units in
Station
(p) | | |
| | | | | | | | | | | 1 |
| | | | | | | | | | | 2 |
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| TOTALS | | | | | | | | | | 39 |
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COMBUSTION ENGINE AND OTHER GENERATING STATIONS
(except nuclear stations)

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.

2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent owner-

| Line No. | Name of Station (a) | Location of Station (b) | Prime Movers | | | | |
|----------|---------------------|-------------------------|---------------------------------|-------------------|--------------------|------------------|--------------------------------|
| | | | Diesel or Other Type Engine (c) | Name of Maker (d) | Year Installed (e) | 2 or 4 Cycle (f) | Belted or Direct Connected (g) |
| 1 | Cherry St | Cherry Street, Hudson | Diesel | Nordberg-MFG Co. | 1951 | 2 | Direct |
| 2 | Cherry St | Cherry Street, Hudson | Diesel | Nordberg-MFG Co. | 1955 | 2 | Direct |
| 3 | Cherry St | Cherry Street, Hudson | Diesel | Cooper-Bessemer | 1972 | 4 | Direct |
| 4 | | | | | | | |
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| 10 | Hudson Light | Cherry Street, Hudson | Diesel | Fairbanks-Morse | 1962 | 2 | Direct |
| 11 | Peaking Plt. | Cherry Street, Hudson | Diesel | Fairbanks-Morse | 1962 | 2 | Direct |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | Cherry St. | Cherry Street, Hudson | Solar | Evergreen Solar | 2008 | NA | Direct |
| 16 | | | | | | | |
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COMBUSTION ENGINE AND OTHER GENERATING STATIONS - Continued
(except nuclear stations)

ship by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
 4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.
 5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

| Prime Movers - Continued | | Generators | | | | | | Total Installed
Generating Capacity
In Kilowatts
(name plate rating)
(p) | Line
No. |
|-----------------------------|--|--------------------------|----------------|--------------|-----------------------------|---|--|--|-------------|
| Rated hp.
of Unit
(h) | Total Rated hp.
of Station
Prime Movers
(i) | Year
Installed
(j) | Voltage
(k) | Phase
(l) | Frequency
or d.c.
(m) | Name Plate
Rating of Unit
In Kilowatts
(n) | Numbers
of Units
in Station
(o) | | |
| 4,250 | 4,250 | 1951 | 4,160 | 3 ph | 60 cyl. | 3,300 | 1 | 3,000 | 1 |
| 5,100 | 9,350 | 1955 | 4,160 | 3 ph | 60 cyl. | 4,000 | 1 | 3,600 | 2 |
| 7,760 | 21,360 | 1972 | 4,160 | 3 ph | 60 cyl. | 5,600 | 1 | 5,600 | 3 |
| | | | | | | | | | 4 |
| | | | | | | | | | 5 |
| | | | | | | | | | 6 |
| | | | | | | | | | 7 |
| | | | | | | | | | 8 |
| | | | | | | | | | 9 |
| 3,168 | 3,168 | 1962 | 4,160 | 3 ph | 60 cyl. | 2,200 | 1 | 2,200 | 10 |
| 3,168 | 6,336 | 1962 | 4,160 | 3 ph | 60 cyl. | 2,200 | 1 | 2,200 | 11 |
| | | | | | | | | | 12 |
| | | | | | | | | | 13 |
| NA | NA | 2008 | 120 | 1 ph | 60 cyl. | 2.5 | 1 | 2.5 | 14 |
| | | | | | | | | | 15 |
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| | | | | | | | | | 38 |
| TOTALS | | | | | | 17,303 | 6 | 16,603 | 39 |

Annual report of TOWN OF HUDSON LIGHT AND POWER DEPAR

5. If peak demand for 60 minutes is not available, give that which is available, specifying period.
6. If any plant is equipped with combustions of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, report as one plant.

Year ended December

TRANSMISSION LINE STATISTICS

Report information concerning transmission lines as indicated below.

| Line No. | Designation | | Operating Voltage (c) | Type of Supporting Structure (d) | Length (Pole miles) | | Number of Circuits (g) | Size of Conductor and Material (h) |
|----------|--|----------------------------------|-----------------------|----------------------------------|--------------------------------------|-----------------------------------|------------------------|------------------------------------|
| | From (a) | To (b) | | | On Structures of Line Designated (e) | On Structures of Another Line (f) | | |
| 1 | Marlboro-Hudson Town lines at River Street | Forest Avenue Substation, Hudson | 115 KV | Steel poles | 3.2 | | 2 | 336.4 MCM ACSR "Linnet" |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
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| 46 | | | | | | | | |
| 47 | TOTALS | | | | 3.2 | None | 2 | |

*Where other than 60 cycle, 3 phase, so indicate.

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
 2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
 3. Substations with a capacity of 5,000 Kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character of each h sub-station designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc., and auxiliary equipment for increasing capacity.
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by

reason of sole ownership by the respondent. For any substation or equipment operated under lease, give nature of lessor, date and period of lease and annual rent. For any substation or equipment operated other than reasons of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party in associated company.

| Line No. | Name and Location of Substation (a) | Character of Substation (b) | Voltage | | | Capacity of Substation In kva (In Service) (f) | Number of Trans-formers In Service (g) | Number of Spare Trans-formers (h) | Conversion Apparatus and Special Equipment | | |
|----------|-------------------------------------|-----------------------------|-------------|----------------|--------------|--|--|-----------------------------------|--|---------------------|--------------------|
| | | | Primary (c) | Second-ary (d) | Tertiary (e) | | | | Type of Equipment (i) | Number of Units (j) | Total Capacity (k) |
| 1 | Cherry Street, Hudson, MA | Unattended | 13800/ | 4160/ | Not Brought | 19,200 | 2 | None | None | None | None |
| 2 | | Distribution | 8000 | 2400 | Out | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | Forest Avenue, Hudson, MA | Unattended | | | | | | | | | |
| 6 | | 13.8 Distribution | | | | | | | | | |
| 7 | | & Diesel Tie | 115 KV | 13800/ | NA | 120,000 | 3 | None | None | None | None |
| 8 | | Tie with NGRID | | 8000 | | | | | | | |
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| 31 | | | | | | | | | | | |
| 32 | TOTALS | | | | | 139,200 | 5 | None | None | None | None |

OVERHEAD DISTRIBUTION LINES OPERATED

| Line No. | | Length (Pole Miles) | | |
|----------|---|---------------------|--------------|-------|
| | | Wood Poles | Steel Towers | Total |
| 1 | Miles - Beginning of Year | 192.1 | | 192.1 |
| 2 | Added During Year | 0.2 | | 0.2 |
| 3 | Retired During Year | None | | None |
| 4 | Miles - End of Year | 192.3 | | 192.3 |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | Distribution System Characteristics - A.C. or D.C., phase, cycles and operating voltages for Light and Power. | | | |
| 9 | | | | |
| 10 | Primary distribution at 2400/4160Y, 4800/8300Y, 8000/13800Y volts, 60 cycle, | | | |
| 11 | 3 phase secondary power at 600 volts, 60 cycle, 3 phase 3 wire; 480 volts 3 | | | |
| 12 | phase, 3 wire; 277/480 volts, 3 phase 4 wire; 220 volts, 3 phase 3 or 4 wire; | | | |
| 13 | 120/208 volts, 3 phase, 4 wire lighting, heating and air conditioning | | | |
| 14 | 120/240 volts, 120/208 volts, 60 cycle single or three phase. | | | |
| 15 | | | | |

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

| Line No. | Item | Electric Services | Number of Watt-Hour Meters | Line Transformers | |
|----------|--|-------------------|----------------------------|-------------------|----------------------|
| | | | | Number | Total Capacity (kva) |
| 16 | Number at beginning of year | 8,621 | 13,282 | 4,244 | 180,292.0 |
| 17 | Added during year: | | | | |
| 18 | Purchased | | 106 | 64 | 1,930.0 |
| 19 | Installed | 32 | 1,625 | 0 | 0.0 |
| 20 | Associated with utility plant acquired | None | None | None | None |
| 21 | Total additions | 32 | 1,731 | 64 | 1,930.0 |
| 22 | Reductions during year: | | | | |
| 23 | Retirements | 6 | 1,673 | 41 | 663.0 |
| 24 | Associated with utility plant sold | None | None | None | None |
| 25 | Total reductions | 6 | 1,673 | 41 | 663.0 |
| 26 | Number at End of Year | 8,647 | 13,340 | 4,267 | 181,559.0 |
| 27 | In stock | | 570 | 444 | 17,487.8 |
| 28 | Locked meters on customers' premises | | None | None | None |
| 29 | Inactive transformers on system | | None | None | None |
| 30 | In customers' use | | 12,745 | 3,815 | 163,937.2 |
| 31 | In company's use | | 25 | 8 | 134.0 |
| 32 | Number at End of Year | | 13,340 | 4,267 | 181,559.0 |

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)**Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.**

| Line No. | Designation of Underground Distribution System
(a) | Miles of Conduit Bank (All Sizes and Types)
(b) | Underground Cable | | Submarine Cable | |
|----------|---|---|-------------------|--------------------------|-----------------|--------------------------|
| | | | Miles*
(c) | Operating Voltage
(d) | Feet*
(e) | Operating Voltage
(f) |
| 1 | Route 495 Underpass | 0.10 | 0.10 | 13,800 | | |
| 2 | Harvard Acres Estates, Stow | 7.30 | 7.30 | 13,800 | | |
| 3 | Meadowbrook Mobile Home Park, Hudson | 1.90 | 1.90 | 13,800 | | |
| 4 | Colburn and Margaret Circle, Hudson - Direct Bury | 0.00 | 0.20 | 4,800 | | |
| 5 | Main, Felton and Central Street, Hudson | 0.75 | 0.75 | 13,800 | | |
| 6 | Seven Star Lane, Stow | 0.09 | 0.09 | 13,800 | | |
| 7 | Forest Avenue, Hudson | 0.50 | 0.50 | 13,800 | | |
| 8 | Circuit Dr., Stow (Juniper Estates) | 0.50 | 0.50 | 13,800 | | |
| 9 | Carriage Lane, Stow | 0.19 | 0.33 | 13,800 | | |
| 10 | Brigham Circle, Hudson | 1.29 | 0.50 | 13,800 | | |
| 11 | Rustic Lane, Hudson - Direct Bury | 0.00 | 0.20 | 4,800 | | |
| 12 | Wildwood Subdivision, Stow - Direct Bury | 0.00 | 2.00 | 13,800 | | |
| 13 | Birch Hill Estates, Stow | 3.60 | 3.60 | 13,800 | | |
| 14 | Appleton Drive, Hudson | 0.10 | 0.10 | 13,800 | | |
| 15 | Cedar Street, Hudson | 0.03 | 0.03 | 13,800 | | |
| 16 | Deacon Benham Drive, Stow - Direct Bury | 0.00 | 0.07 | 13,800 | | |
| 17 | Forest Road, Stow | 0.22 | 0.22 | 13,800 | | |
| 18 | Francis Circle, Stow | 0.49 | 0.49 | 13,800 | | |
| 19 | Karen Circle, Hudson | 0.07 | 0.07 | 13,800 | | |
| 20 | Main Street, Hudson (Whispering Pines) | 0.11 | 0.11 | 13,800 | | |
| 21 | Glen Road, Hudson | 0.24 | 0.24 | 13,800 | | |
| 22 | Brigham Street, Hudson (Valley Park) | 0.14 | 0.14 | 13,800 | | |
| 23 | Brigham Street, Hudson (Assabet Village) | 0.23 | 0.50 | 13,800 | | |
| 24 | Chapin Road, Hudson | 0.07 | 0.07 | 13,800 | | |
| 25 | Cahill Taylor Road, Stow | 0.25 | 0.25 | 13,800 | | |
| 26 | Great Road, Stow | 0.07 | 0.07 | 13,800 | | |
| 27 | Kane Industrial Drive, Hudson | 0.05 | 0.05 | 13,800 | | |
| 28 | Peter's Grove, Hudson | 0.05 | 0.05 | 13,800 | | |
| 29 | Johnston Way, Stow | 0.20 | 0.20 | 13,800 | | |
| 30 | Hudson Town Hall, Hudson | 0.08 | 0.08 | 13,800 | | |
| 31 | Sudbury Road, Stow (Off Pole 121) | 0.34 | 0.34 | 13,800 | | |
| 32 | Parmenter Road, Hudson (Off Pole 16-1) | 0.10 | 0.10 | 13,800 | | |
| 33 | | | | | | |
| 34 | TOTALS | 19.06 | 21.15 | | None | None |

*Indicate number of conductors per cable.

| | |
|--|--|
| <p align="center">CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)</p> <p align="center">Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.</p> | |
|--|--|

| Line No. | Designation of Underground Distribution System
(a) | Miles of Conduit Bank (All Sizes and Types)
(b) | Underground Cable | | Submarine Cable | |
|----------|---|---|-------------------|--------------------------|-----------------|--------------------------|
| | | | Miles*
(c) | Operating Voltage
(d) | Feet*
(e) | Operating Voltage
(f) |
| 1 | Off River Rd. Hudson | 0.05 | 0.05 | 13,800 | | |
| 2 | Central St. Hudson | 0.34 | 0.34 | 13,800 | | |
| 3 | Off Harvard Rd., Stow | 0.07 | 0.07 | 13,800 | | |
| 4 | Shay Rd. Hudson | 0.07 | 0.07 | 13,800 | | |
| 5 | Kerrington Way, Stow | 0.07 | 0.07 | 13,800 | | |
| 6 | Merritt Drive, Hudson | 0.09 | 0.09 | 13,800 | | |
| 7 | Washington St., Hudson | 0.10 | 0.10 | 13,800 | | |
| 8 | Reed Road, Hudson (Quail Run) | 1.00 | 1.00 | 13,800 | | |
| 9 | Causeway St. Hudson | 0.12 | 0.12 | 13,800 | | |
| 10 | Santos Drive, Hudson | 0.12 | 0.12 | 8,320 | | |
| 11 | Boxmill Rd., Stow | 0.13 | 0.13 | 13,800 | | |
| 12 | Beachwood Lane, Hudson | 0.14 | 0.14 | 13,800 | | |
| 13 | Bonazzoli Ave., Hudson | 0.20 | 0.20 | 13,800 | | |
| 14 | Maura Drive, Stow | 0.19 | 0.19 | 13,800 | | |
| 15 | Annie Terrace Drive, Hudson | 0.20 | 0.20 | 13,800 | | |
| 16 | Tiffany Lane, Hudson (Forance Woods) | 0.21 | 0.21 | 13,800 | | |
| 17 | Cabot Rd., Hudson | 0.22 | 0.22 | 13,800 | | |
| 18 | Hazelwood Drive, Hudson | 0.24 | 0.24 | 13,800 | | |
| 19 | October Lane, Stow | 0.24 | 0.24 | 13,800 | | |
| 20 | Barton Road, Stow | 0.26 | 0.50 | 13,800 | | |
| 21 | Heath Hen Trail, Stow | 0.26 | 0.26 | 13,800 | | |
| 22 | Technology Drive, Hudson | 0.28 | 0.50 | 13,800 | | |
| 23 | Solo Rd., Hudson | 0.28 | 0.28 | 13,800 | | |
| 24 | Appleblossom Lane, Stow | 0.34 | 0.34 | 13,800 | | |
| 25 | Bennett St., Hudson | 0.39 | 0.39 | 13,800 | | |
| 26 | Orchard Drive, Hudson | 0.50 | 0.50 | 13,800 | | |
| 27 | Blueberry Lane, Hudson | 0.58 | 0.58 | 13,800 | | |
| 28 | Brigham Estates, Hudson | 0.80 | 0.80 | 13,800 | | |
| 29 | Stow Farms, Stow | 0.86 | 0.86 | 13,800 | | |
| 30 | Washington St., Hudson (Walmart) | 0.97 | 0.97 | 13,800 | | |
| 31 | Abigal Rd., Hudson (Ashford Meadows) | 0.99 | 0.99 | 13,800 | | |
| 32 | Farm Rd., Stow (Red Acre Estates) | 1.08 | 1.08 | 13,800 | | |
| 33 | Manning St., Hudson (Indian Ridge Estates) | 1.31 | 1.31 | 13,800 | | |
| 34 | TOTALS | 12.70 | 13.16 | | None | None |

*Indicate number of conductors per cable.

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.

| Line No. | Designation of Underground Distribution System
(a) | Miles of Conduit Bank (All Sizes and Types)
(b) | Underground Cable | | Submarine Cable | |
|----------|---|---|-------------------|--------------------------|-----------------|--------------------------|
| | | | Miles*
(c) | Operating Voltage
(d) | Feet*
(e) | Operating Voltage
(f) |
| 1 | Woodman's Dr., Stow | 0.01 | 0.01 | 13,800 | | |
| 2 | Coolidge St., Hudson | 0.09 | 0.09 | 13,800 | | |
| 3 | Loring St., Hudson | 0.04 | 0.04 | 4,160 | | |
| 4 | Nixon Road, Hudson | 0.04 | 0.04 | 13,800 | | |
| 5 | 428 Main Street, Hudson | 0.06 | 0.06 | 13,800 | | |
| 6 | Redco Rd., Hudson | 0.13 | 0.13 | 13,800 | | |
| 7 | Russett Lane, Stow | 0.14 | 0.14 | 13,800 | | |
| 8 | Farley School, Hudson | 0.16 | 0.16 | 13,800 | | |
| 9 | Deerfield Rd., Stow | 0.19 | 0.19 | 13,800 | | |
| 10 | Zanderway, Stow | 0.19 | 0.19 | 13,800 | | |
| 11 | Tiffany Lane Hudson (Forance Woods) | 0.21 | 0.21 | 13,800 | | |
| 12 | Wedgewood Country Club, Stow | 0.21 | 0.21 | 13,800 | | |
| 13 | Brigham St., Hudson | 0.21 | 0.21 | 13,800 | | |
| 14 | Manning St., Hudson (Mallard Estates) | 0.22 | 0.09 | 13,800 | | |
| 15 | Cabot Drive, Hudson | 0.23 | 0.23 | 13,800 | | |
| 16 | Cranberry Lane, Hudson | 0.24 | 0.24 | 13,800 | | |
| 17 | Indian Ridge, Stow | 0.24 | 0.24 | 13,800 | | |
| 18 | Maple St., Stow | 0.25 | 0.25 | 13,800 | | |
| 19 | Weatherbee Lane, Stow | 0.27 | 0.27 | 13,800 | | |
| 20 | Brenton Wood Rd., Hudson | 0.28 | 0.28 | 13,800 | | |
| 21 | Pine Ridge Rd., Stow | 0.29 | 0.29 | 13,800 | | |
| 22 | Parmenter Rd., Hudson | 0.30 | 0.30 | 13,800 | | |
| 23 | Minister's Way, Stow | 0.31 | 0.31 | 13,800 | | |
| 24 | Heritage Lane, Stow | 0.33 | 0.33 | 13,800 | | |
| 25 | Allen Rd., Hudson | 0.35 | 0.35 | 8,320 | | |
| 26 | New Rd., Hudson | 0.39 | 0.39 | 13,800 | | |
| 27 | South St. Hudson | 0.42 | 0.25 | 13,800 | | |
| 28 | Wheeler Road, Stow | 1.00 | 1.00 | 13,800 | | |
| 29 | Laurel Drive, Hudson | 0.89 | 0.89 | 13,800 | | |
| 30 | Courtland Drive, Hudson | 0.94 | 0.94 | 13,800 | | |
| 31 | Chadwick Rd., Hudson | 0.02 | 0.02 | 13,800 | | |
| 32 | Main St., Hudson | 0.49 | 0.49 | 13,800 | | |
| 33 | TOTALS | 9.14 | 8.84 | | None | None |

*Indicate number of conductors per cable.

| CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year. | | | | | | |
|--|---|---|-------------------|--------------------------|-----------------|--------------------------|
| Line No. | Designation of Underground Distribution System
(a) | Miles of Conduit Bank (All Sizes and Types)
(b) | Underground Cable | | Submarine Cable | |
| | | | Miles*
(c) | Operating Voltage
(d) | Feet*
(e) | Operating Voltage
(f) |
| 1 | Day Circle, Hudson | 0.03 | 0.03 | 13,800 | | |
| 2 | Wheldon Rd., Stow | 0.03 | 0.17 | 13,800 | | |
| 3 | Lincoln st., Hudson | 0.10 | 0.05 | 4,800 | | |
| 4 | Pheasant Trail, Hudson | 0.11 | 0.11 | 13,800 | | |
| 5 | Eliot Drive, Stow | 0.13 | 0.13 | 13,800 | | |
| 6 | Chestnut St., Hudson | 0.16 | 0.16 | 13,800 | | |
| 7 | Hickory Lane, Stow | 0.17 | 0.17 | 13,800 | | |
| 8 | Washington St., Hudson | 0.22 | 0.22 | 8,000 | | |
| 9 | Lane's End, Stow | 0.33 | 0.33 | 13,800 | | |
| 10 | Princeton Circle, Hudson | 0.38 | 0.38 | 2,400 | | |
| 11 | Exeter Drive, Hudson | 0.46 | 0.46 | 13,800 | | |
| 12 | Atherton Drive , Hudson | 0.52 | 0.52 | 13,800 | | |
| 13 | Great Rd., Stow (E T & L) | 0.57 | 0.25 | 13,800 | | |
| 14 | Pondview Estates, Stow | 1.23 | 1.23 | 8,000 | | |
| 15 | Cold Spring Lane, Hudson | 1.31 | 0.11 | 13,800 | | |
| 16 | Kattail Lane, Hudson | 0.33 | 0.33 | 13,800 | | |
| 17 | Riffles Lane, Hudson | 0.07 | 0.07 | 13,800 | | |
| 18 | Korolath River Road, Hudson | 0.09 | 0.02 | 13,800 | | |
| 19 | Wildlife Way, Stow | 0.45 | 0.45 | 13,800 | | |
| 20 | Hiley Brook Rd, Stow | 0.31 | 0.15 | 13,800 | | |
| 21 | General Way, Hudson | 0.01 | 0.37 | 13,800 | | |
| 22 | Fallsbrook Rd., Hudson | 0.21 | 0.21 | 13,800 | | |
| 23 | Danforth Brook Rd., Bolton | 2.65 | 2.65 | 8,320 | | |
| 24 | Kelly Lane, Hudson | 0.18 | 0.18 | 13,800 | | |
| 25 | Brigham St., Hudson (Hudson High School) | 0.32 | 0.32 | 13,800 | | |
| 26 | Parmenter Rd., Hudson (Lincoln Tool) | 0.06 | 0.06 | 13,800 | | |
| 27 | Parmenter Rd., Hudson (Boyd Coating) | 0.03 | 0.03 | 13,800 | | |
| 28 | Green Meadow Lane, Hudson | 0.19 | 0.19 | 4,160 | | |
| 29 | Great Rd, Stow | 0.10 | 0.10 | 13,800 | | |
| 30 | Boxboro Rd., Stow | 0.14 | 0.14 | 13,800 | | |
| 31 | Great Road, Stow (Meetinghouse Lane) | 0.17 | 0.17 | 13,800 | | |
| 32 | Claire Circle, Hudson | 0.18 | 0.18 | 13,800 | | |
| 33 | Patriot Lane, Hudson | 0.52 | 0.52 | 4,800 | | |
| 34 | TOTALS | 11.76 | 10.46 | | None | None |

*Indicate number of conductors per cable.

| CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year. | | | | | | |
|--|---|---|-------------------|--------------------------|-----------------|--------------------------|
| Line No. | Designation of Underground Distribution System
(a) | Miles of Conduit Bank (All Sizes and Types)
(b) | Underground Cable | | Submarine Cable | |
| | | | Miles*
(c) | Operating Voltage
(d) | Feet*
(e) | Operating Voltage
(f) |
| 1 | Salamander Way, Stow | 0.20 | 0.20 | 13,800 | | |
| 2 | Wildlife Way, Stow | 0.60 | 0.60 | 13,800 | | |
| 3 | Point Rd., Stow | 0.18 | 0.18 | 13,800 | | |
| 4 | Autumn Drive, Hudson | 0.43 | 0.43 | 13,800 | | |
| 5 | Bradley Lane, Stow | 0.06 | 0.06 | 13,800 | | |
| 6 | Taylor Rd., Stow | 0.31 | 0.31 | 13,800 | | |
| 7 | Hillcrest Rd., Stow | 0.04 | 0.04 | 13,800 | | |
| 8 | Deerpath Lane, Hudson | 0.15 | 0.15 | 13,800 | | |
| 9 | Bramble Path, Stow | 0.20 | 0.20 | 13,800 | | |
| 10 | Fairway Drive, Stow | 0.70 | 0.70 | 13,800 | | |
| 11 | Main St. Hudson (Aucellio Iron Works) | 0.01 | 0.01 | 13,800 | | |
| 12 | Strawberry Lane, Hudson | 0.16 | 0.16 | 13,800 | | |
| 13 | River Rd., Hudson | 0.05 | 0.05 | 13,800 | | |
| 14 | Cranberry Way, Stow | 0.15 | 0.15 | 13,800 | | |
| 15 | Treffrey Lane, Stow | 0.59 | 0.59 | 13,800 | | |
| 16 | Old Bolton Rd., Stow | 0.13 | 0.13 | 13,800 | | |
| 17 | Gerry Rd., Hudson | 0.32 | 0.32 | 13,800 | | |
| 18 | Elaine Circle, Hudson | 0.29 | 0.29 | 13,800 | | |
| 19 | Sylvan Dr., Stow | 0.30 | 0.30 | 13,800 | | |
| 20 | Whispering Way, Stow | 0.12 | 0.12 | 13,800 | | |
| 21 | Orchard Dr., Stow (Stow Villages) | 0.97 | 0.97 | 13,800 | | |
| 22 | Judith Rd., Hudson | 0.12 | 0.12 | 13,800 | | |
| 23 | Julian Dr., Hudson | 0.07 | 0.07 | 13,800 | | |
| 24 | Bolton St., Hudson | 0.23 | 0.23 | 13,800 | | |
| 25 | Hammond Circle, Hudson | 0.08 | 0.08 | 13,800 | | |
| 26 | Freeman Circle, Hudson, | 0.31 | 0.31 | 13,800 | | |
| 27 | Sauta Farm Way, Hudson (Sauta Farms) | 0.29 | 0.29 | 13,800 | | |
| 28 | Knotts Clearing, Hudson | 0.06 | 0.06 | 13,800 | | |
| 29 | Sandy Knoll Development | 0.12 | 0.12 | 13,800 | | |
| 30 | Elaine Circle, Hudson | 0.30 | 0.30 | 13,800 | | |
| 31 | Westridge Rd | 0.19 | 0.19 | 13,800 | | |
| 32 | Technology Dr. | 0.09 | 0.09 | 13,800 | | |
| 33 | Sauta Farm Way, Hudson (Sauta Farms) | 0.19 | 0.19 | 13,800 | | |
| 34 | TOTALS | 8.02 | 8.02 | | None | None |

*Indicate number of conductors per cable.

| CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year. | | | | | | |
|--|---|---|-------------------|--------------------------|-----------------|--------------------------|
| Line No. | Designation of Underground Distribution System
(a) | Miles of Conduit Bank (All Sizes and Types)
(b) | Underground Cable | | Submarine Cable | |
| | | | Miles*
(c) | Operating Voltage
(d) | Feet*
(e) | Operating Voltage
(f) |
| 1 | Coolidge St. | 0.02 | 0.02 | 13,800 | | |
| 2 | Villages at Stow (Great Rd.) | 0.76 | 0.76 | 13,800 | | |
| 3 | Arbour Glenn (Hudson Rd.) | 0.28 | 0.28 | 13,800 | | |
| 4 | Arbour Glenn Pumps | 0.19 | 0.19 | 13,800 | | |
| 5 | Minuteman Airport (Boxboro Rd.) | 0.21 | 0.21 | 13,800 | | |
| 6 | Stow Villages (Golden Dr.)-S | 0.15 | 0.15 | 13,800 | | |
| 7 | Arbor Glenn (Hudson Rd.)-S | 0.08 | 0.08 | 13,800 | | |
| 8 | Reed Rd | 0.08 | 0.08 | 13,800 | | |
| 9 | Walgreen's (Washington St) | 0.05 | 0.05 | 13,800 | | |
| 10 | RK Plaza (Washington St.) | 0.27 | 0.27 | 13,800 | | |
| 11 | Highland Commons (Washington St) | 0.46 | 0.46 | 13,800 | | |
| 12 | Shaws Fire Pump (Samuel Prescott Rd) | 0.01 | 0.01 | 13,800 | | |
| 13 | Stop & Shop Gas (Tech Dr) | 0.07 | 0.07 | 13,800 | | |
| 14 | Lowes (Coolidge St) | 0.10 | 0.10 | 13,800 | | |
| 15 | Arbor Glenn (Hudson Rd.) | 0.20 | 0.20 | 13,800 | | |
| 16 | Mass Wildlife Refuge (Sudbury Rd) | 0.04 | 0.04 | 13,800 | | |
| 17 | Hanafords Plaza (Washington St) | 0.05 | 0.05 | 13,800 | | |
| 18 | Stow Villages (Golden Dr.) | 0.28 | 0.28 | 13,800 | | |
| 19 | Wildlife Way | 0.19 | 0.19 | 13,800 | | |
| 20 | Highland Commons (Coolidge St) | 0.20 | 0.20 | 13,800 | | |
| 21 | Arbor Glen - S | 0.13 | 0.13 | 13,800 | | |
| 22 | Westridge (Tech Dr) - S | 0.10 | 0.10 | 13,800 | | |
| 23 | Dunster Dr - S | 0.40 | 0.40 | 13,800 | | |
| 24 | Lincoln St - S | 0.08 | 0.08 | 13,800 | | |
| 25 | Dudley Rd | 0.10 | 0.10 | 13,800 | | |
| 26 | Great Rd (Center School) | 0.10 | 0.10 | 13,800 | | |
| 27 | Brook St | 0.04 | 0.04 | 13,800 | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| 32 | | | | | | |
| 33 | | | | | | |
| 34 | TOTALS | 4.63 | 4.63 | | None | None |

*Indicate number of conductors per cable.

| STREET LAMPS CONNECTED TO SYSTEM | | | | | | | | | | |
|----------------------------------|---------------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| Line
No. | City
or
Town
(a) | Total
(b) | T y p e | | | | | | | |
| | | | Incandescent | | Mercury Vapor | | Fluorescent | | H. P. Sodium | |
| | | | Municipal
(c) | Other
(d) | Municipal
(e) | Other
(f) | Municipal
(g) | Other
(h) | Municipal
(i) | Other
(j) |
| 1 | Hudson | 2,146 | 362 | 9 | 779 | 133 | | | 614 | 249 |
| 2 | Stow | 118 | 1 | 1 | 2 | 20 | | | 64 | 30 |
| 3 | Berlin | 1 | | | | | | | 1 | |
| 4 | Marlboro | 3 | | | | | | | | 3 |
| 5 | Bolton | 1 | | | | | | | | 1 |
| 6 | | | | | | | | | | |
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| 50 | | | | | | | | | | |
| 51 | | | | | | | | | | |
| 52 | TOTAL | 2269 | 363 | 10 | 781 | 153 | | | 679 | 283 |

1. Attach copies of all Field Rates for General Consumers.
2. Show below the changes in rate schedule during year and the estimated increase or decrease in annual revenue predicted on the previous year's operations.

[illegible]

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor

Yakov D. Levin

General Manager of Electric Light

YAKOV D. LEVIN

Roland L. Plante

ROLAND L. PLANTE

Joseph J. Marinelli

JOSEPH J. MARINELLI

Paul Huehmer

PAUL HUEHMER

Selectmen
or
Members
of the
Municipal
Light
Board

SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS MUST BE PROPERLY SWORN TO

Middlesex

SS

April 6, 2012

Then personally appeared

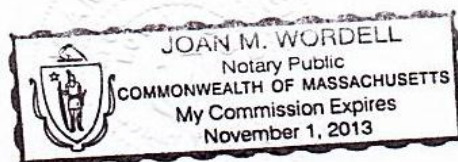
Yakov D. Levin

Roland L. Plante

Joseph L. Marinelli

Paul Huehmer

and severally made oath to the truth of the foregoing statement by them subscribed according to their best knowledge and belief



Joan M. Wordell
Notary Public or
Justice of the Peace.

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